



MASTERPRINT

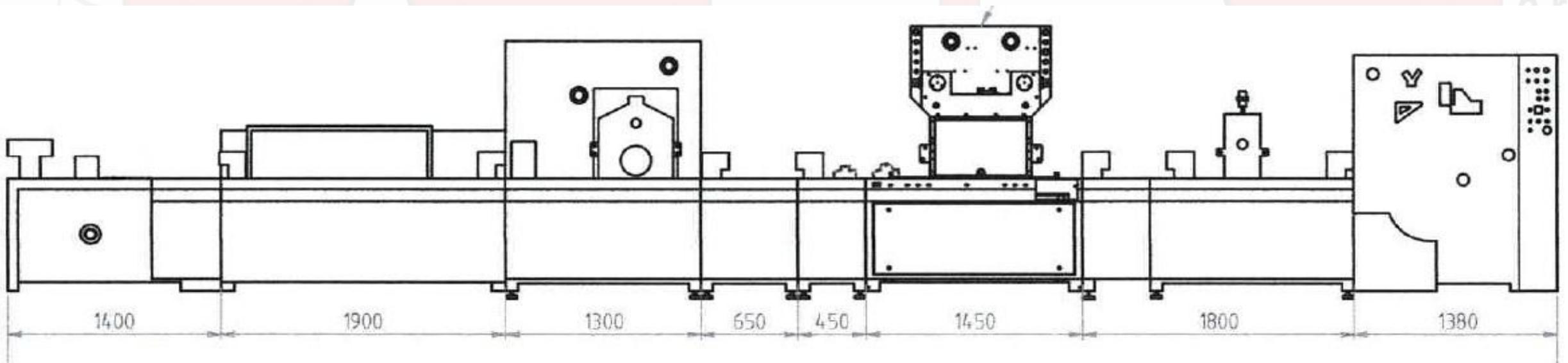
350

BERRA'S TOP-TIER FLAGSHIP MACHINE

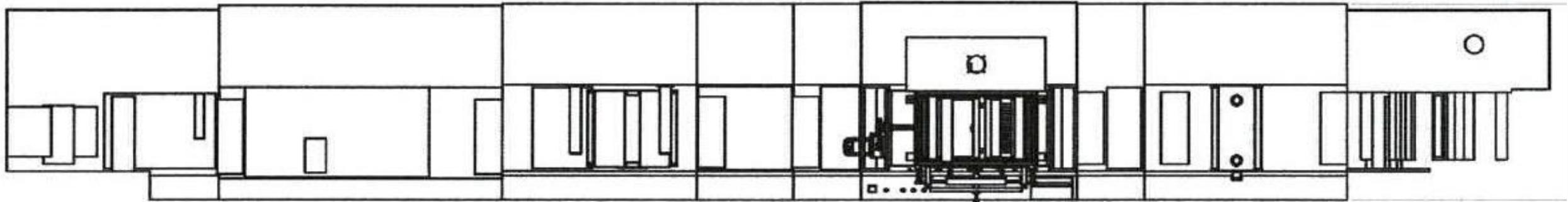
COSTRUZIONI MECCANICHE

TOP-CLASS MULTIFUNCTIONAL PERFORMANCE

- Printing and finishing machine for high-speed production and extremely high-quality ennobling.
- The semi-rotary screen-printing units as well as the new rotary cast gold units enable this machine to obtain maximum definition on details, with extremely rapid start-up times and minimal waste of material.
- Possibility of inserting multifunctional flexo printing units with 4 different applications: One color printing, Continuous full table varnishing, Partial drip-off painting in sectors and Adhesive and cold lamination with glue spreading by anilox roll and/or cold foil lamination.



- **The whole line is fully modular.**
- **Every single unit is issued with its own new auto-register, self-centering system, equipped with recovery of the registry gap.**
- **A choice of several interchangeable hot stamping units is available, such as: Variable pitch with double foil on independent shafts; Multifoil with single 76mm friction shaft capable of printing up to 4 foils with different colors and diameters reel at the same time.**
- **New Tor group with enhanced structure and improved tonnage pressure and heat resistance. The unwinding and rewinding motors of the Foil Group are controlled with dedicated drives, which allow the optimization of the tension of the material, even at high speeds. The perfectly flat pressure is obtained by two opposing cones, guaranteed by a servo motor.**
- **Semi-rotary die-cutting unit with compensation in case of lamination distortion, Gap Master and the new EasyLiner automatic and complete stripping/rewinding unit, to complete the whole reel processing phase directly on the machine.**



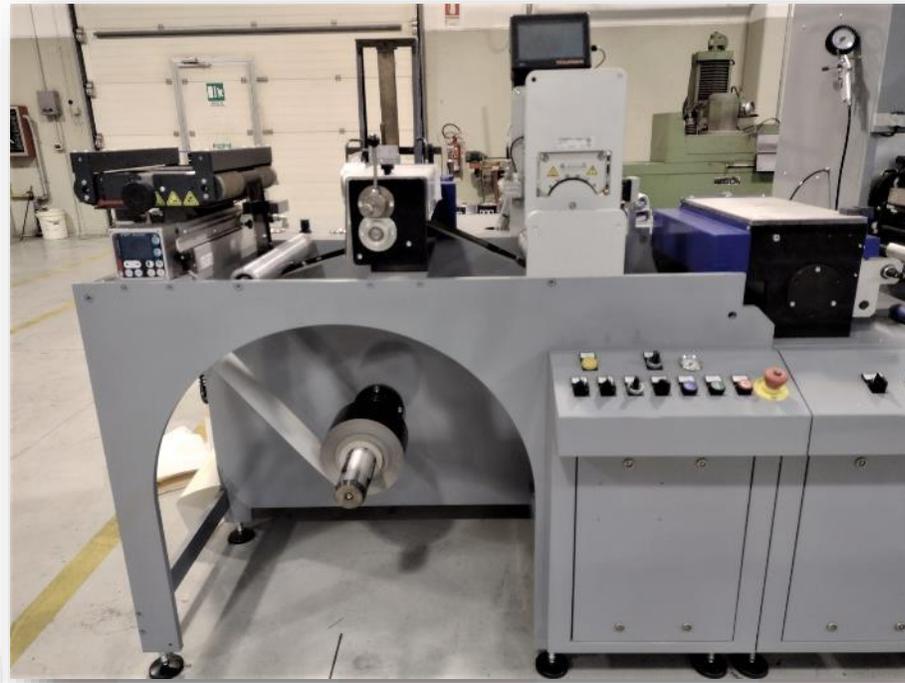


**MASTER OF
PRINTING,
FINISHING AND
EMBELLISHMENT**

❖ MACHINE UNITS:

➤ AUTOMATIC UNWINDING BST UNIT:

- Automatic unwinding unit for rolls with diameter up to 800mm.
- Pneumatic shaft for rolls with adjustable unwinding tension.
- Web Automatic Guide BST, dancer with electronic control of the material's tension. This system allows the unit to maintain the same constant tension on the roll as its diameter and weight change during the operation.



➤ CORONA TREATMENT:

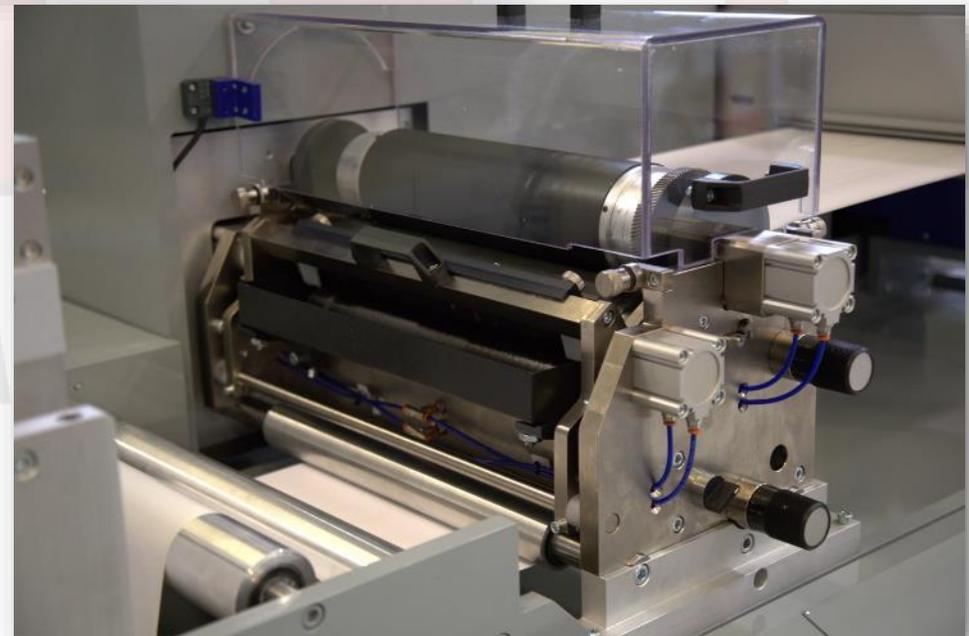
- A device that regulate the superficial tension of the material thanks to an ion system.
- Particularly effective for label printing using plastic material.
- Vetaphone System with extractable slide for the cleaning and maintenance of the ceramic bars.



➤ **FLEXO UV, VARNISHING AND PRINTING UNIT:**

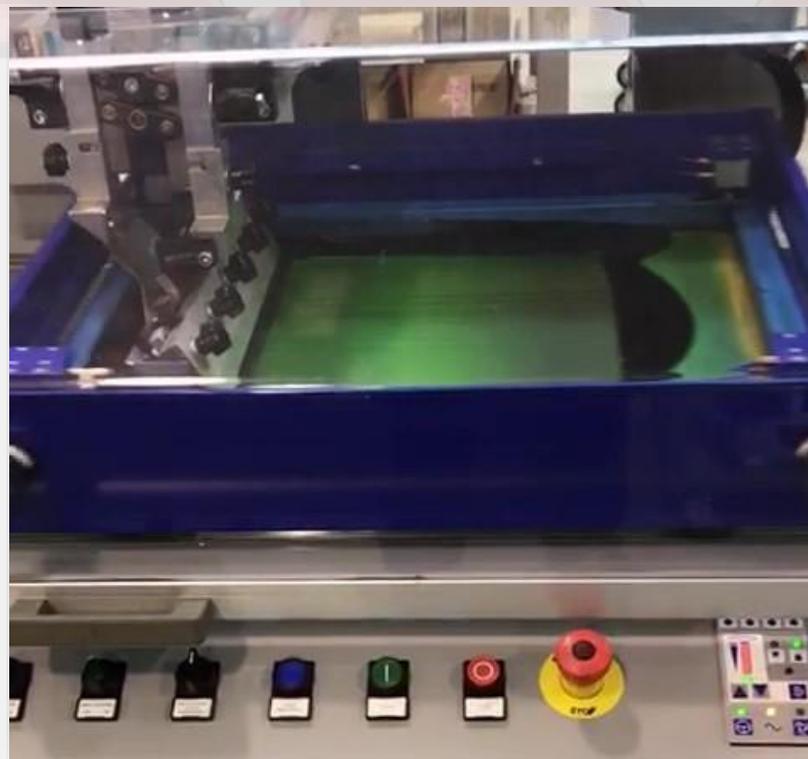
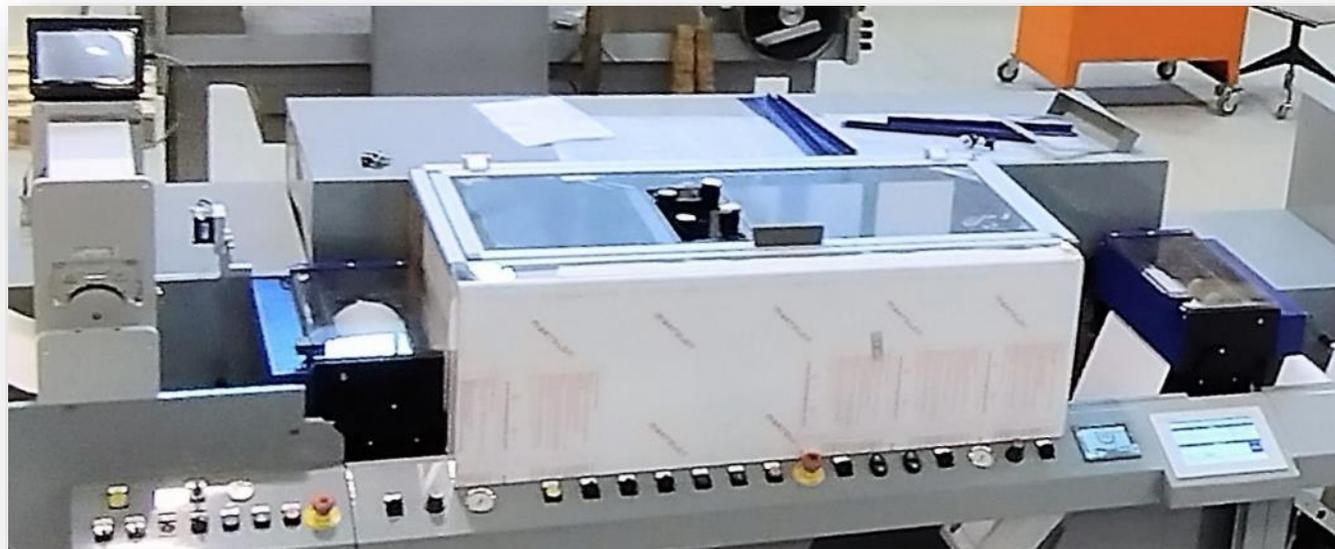
- Material Passage: 350mm.
- Printing Area: 60mm × 420mm.
- Cycles per hour: 10000.
- Meters per minute: 40/60.

- Multifunctional Flexo printing unit for 4 different applications:
 - One-color printing
 - Continuous full-table varnishing
 - Partial drip off painting in sectors
 - Adhesive and cold lamination with glue spreading by anilox roll and/or for cold foil lamination



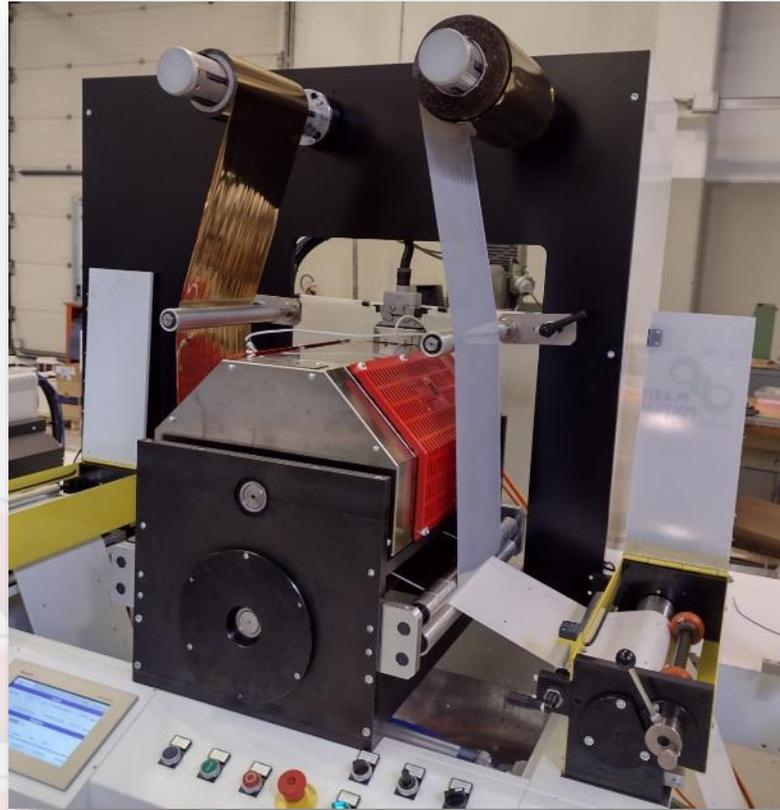
➤ SEMI-ROTARY SILK-SCREEN PRINTING UNIT:

- Material Passage: 350mm.
- Printing Area: 340mm × 340mm.
- Cycles per hour: up to 7000.
- Innovative longitudinal semi-rotary automatic silk-screen printing unit.
- Capable to work with up to 6 modular units.
- Dynamic, self-centering Autoregister system with management of the extension and shortening of the print.



➤ ROTARY CAST GOLD UNIT:

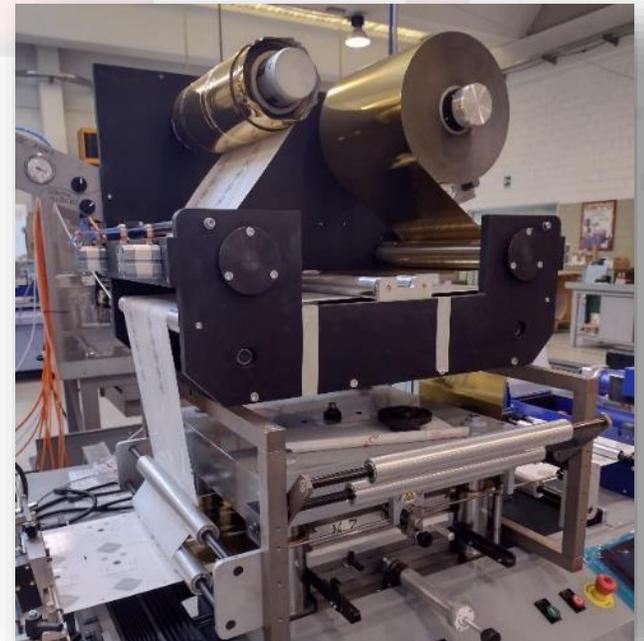
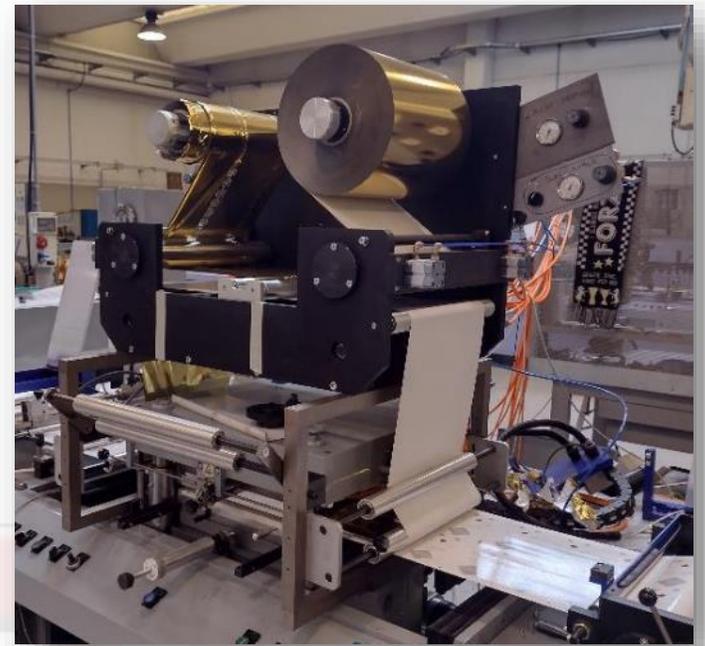
- Material Passage: 350mm.
- Printing Area: 340mm × 340mm.
- Cycles per hour: up to 7000.
- Incredibly high definition with major thicknesses and heights for the printing of cast gold.
- Minimal waste of material during the start-up phase.
- Design to secure applications of the highest quality.



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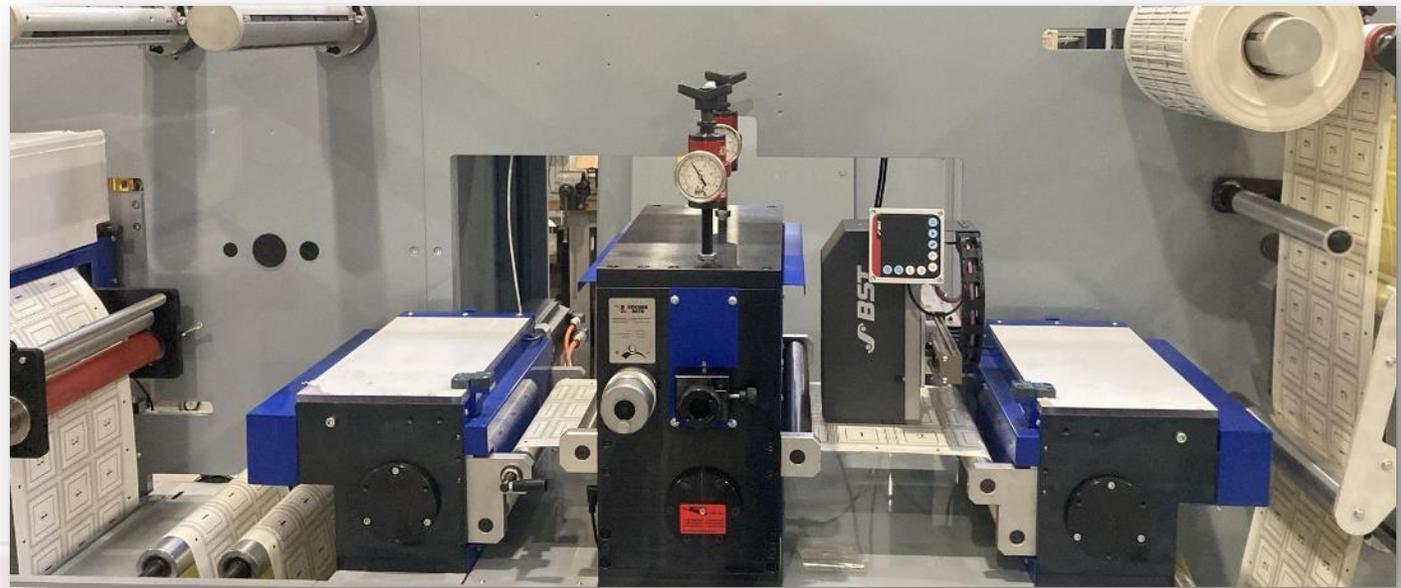
➤ **TOR UNIT:**

- **Material Passage: 340mm.**
- **Printing Area: 320mm × 320mm.**
- **Cycles per hour: 15000.**
- **Reinforced structure with major increase in tonnage and pressure capacity with increased means to obtain sophisticated and very defined reliefs.**
- **Prints up to 4 simultaneous foils. Foil advancement in continuous with a system guided by dancers in order to avoid creasing issues.**
- **The machine is equipped with a foil-saving system to optimize its usage.**
- **The foil's movement is digitally set in a longitudinal direction along the advancement of the band.**
- **The unwinding and rewinding motors of the foil group are controlled by dedicated drives, that allow the optimization of the material's tension, even at high speeds.**



➤ CUTTING SYSTEM WITH KOCHER+BECK:

- Material Passage: 350mm.
- Die-Cutting Area: 60mm × 420mm.
- Cycles per hour: 8000.
- 19 or 21 cylinder with use in compensation with all the customer's metal sheets.

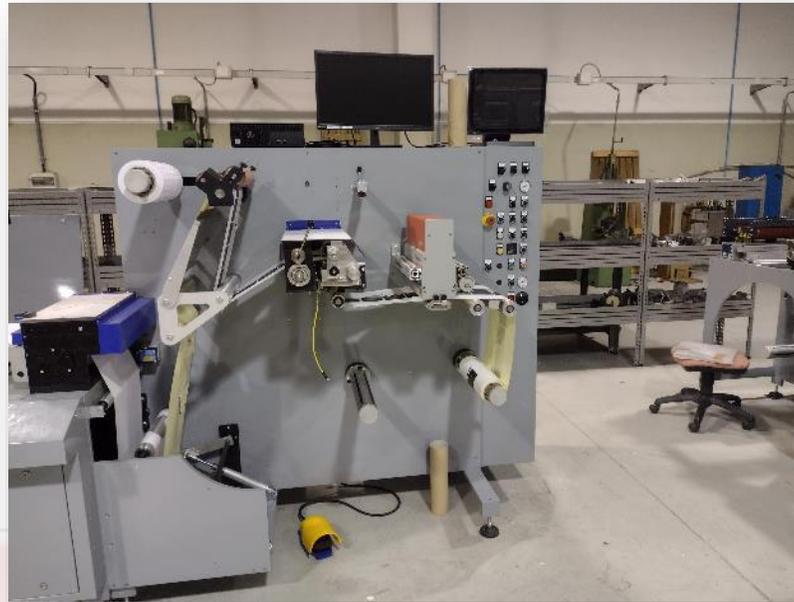


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➤ **SF 330 EASYLINER EXTRA**

- **Continuous speed change at the input.**
- **Pneumatic roller under direct pressure upon the stripping point.**
- **Double rewinding shaft.**
- **Knife shaft with blades and self-sharpening counter blades to divide the reel into tracks.**
- **Lot counting.**
- **Automatic trimming suction.**



❖ **OPTIONAL UNITS:**

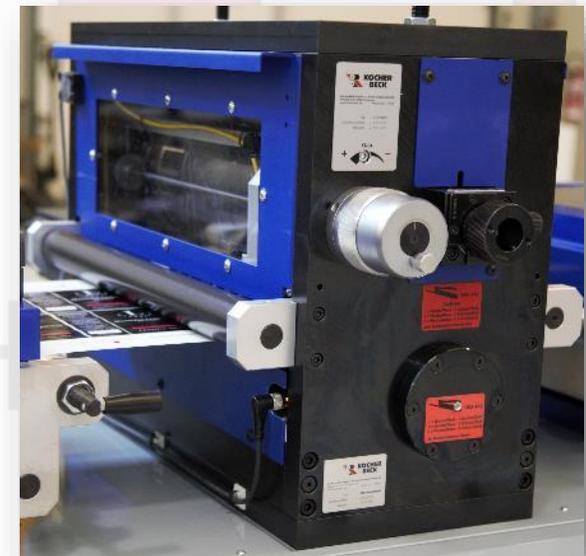
➤ **TUBESCAN SYSTEM:**

- Tubescan system equipped with BST camera for checking eventual missing labels. Function of monitoring the final product and stopping the system in case of any blemishes upon the labels.



➤ **GAP MASTER**

- System with the purpose of regulating the diagonal movement of the die-cutting cylinder, with the possibility of managing the different heights of the sheets.





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